Research Paper—Education

A Study of Teacher's Awareness About Computer

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A B S T R A C T

In this 21st century, the position of classroom is changed in education system. In this fast developing world, the unbelievable expansion is seen in population, knowledge, and desires. The direct effect of this change can be seen in classroom and education field. In the modern world, the importance of technology as well as information is growing fast. Schools, colleges are well equipped with technology. Creative approach is being accepted in education. The belief that 'the teacher give knowledge and the students accept it' is not acceptable in today's classroom. By finding out the source of knowledge from the environment, the students get the knowledge by the self-study. There is no doubt that the teachers have limitations in providing sustained and continuous support and guidance to their students. Therefore, teachers must be well equipped for changing scenario of the classroom. The positive point of the teachers in this scenario is the awareness about the internet. In the present study, a humble effort is done to know awareness about internet of 21st century's teachers of secondary school. In this paper, study of teacher's awareness about internet in relation to its gender, area and with reference to its teaching subjects, is taken to the hand. This paper presents the status of higher secondary school teacher's awareness about Computer.

Introduction:

In this 21st century, there is a fast changing in the classroom interaction. Today's education field is technically and modernized. The role of teacher is also changed. Day-by-day with the uses of radio, television, computer, mobile the use of internet is also increased. Education has become more expanding and impressive with the use of internet. Due to internet, a new direction is shown to the education field. Internet is the modern invention, which has been come in to existence due to computer. In education, creative approach is acceptable. It is undoubtedly that the teacher may not sustain its own place if he fails to provide help to their students in the modern stream. Therefore, to handle in this 21st century's changing scenario, teacher must be well equipped. Today's teacher is the important factor of the whole education system. It is better that he will be equipped with the higher level of educational quality will be given. The positive factor of this changing role of the teacher is his knowledge about internet. The use of computer and internet is become worldwide.

The vast universe becomes very small with internet. It is expected from Education Department until today, that teacher should have basic knowledge of computer and internet at the time of recruitment. Therefore, now it is essential to know, the secondary teacher's awareness about internet. Joshi (2000) has found in his research that trainees are more aware about education technology and less about internet. Bhatt (2004) has found in his research that trainees are aware about computer but there is no significant effect of gender and area on it. While prabtani (2007) has

fond that secondary school students have positive attitude towards computer education. This study was carried out to find the awareness of higher secondary school teachers about Computer with reference to its gender and Area.

Statement of the Study:

A Study of Teacher's Awareness about Computer.

Objectives:

1. To find out the awareness level about Computer of higher secondary school teachers.

2. To examine the effect of gender and Area on higher secondary school teacher's awareness about Computer.

Hypothesis:

1. There is no significant difference between male and female teachers of higher secondary schools, about internet awareness.

2. There is no significant difference between rural and urban teachers of higher secondary schools, about internet awareness.

Delimitation of the Study:

The present study was delimited to Gujarati medium higher Secondary Schools of Mehsana district.

Population:

The population of the present study was the teachers of higher secondary schools of Mehsana district.

Sample:

There were total 100 teachers in the present study in which 50 male teachers and 50 female teachers. There were 50 rural and 50 urban teachers, were considered as a sample of the study.

Tool:

In the present study, researcher for the data collection constructed 'The Computer awareness scale'. In this

tool 20 factors were included relating to the Computer. There were five point scales decided to give the response.

Data collection:

In the present study, to collect the data of teacher's awareness about Computer, first to make them understand the objectives of study, then told them to give responses without prejudice by using the given tools. After finishing the accomplishment of measurement, the forms were conforming and back to reward.

searcher found out that mean and standard deviation. 'T'-value were calculated for testing the hypotheses.

Hypothesis testing and findings:

1. There is no significant difference shown between male and female teachers of higher secondary schools, about internet awareness. 2. There is no significant difference shown between rural and urban teachers of higher secondary schools, about internet awareness. 3.More than half of the teachers were found aware about internet. 4. The more awareness was seen about

Table - 1 Summary of Data Analysis

Variable Level	N	M	SD	SED	t-value	Level of	Sig.
Gender	Male	50	58.69	23.36			
	Female	50	49.88	25.28	4.98	1.82	NS
Area	Urban	50	61.78	26.78			
	Rural	50	52.63	22.35	6.35	1.57	NS

Data analysis:

Researcher gave the Computer awareness scale to teachers to know awareness about Computer and after collecting the data, made frequency distribution by using proper scheme to convert response into score. With the help of frequency distribution. Re-

'internet' and the less awareness about 'internet explorer' was found. 5.The gender effect was not found on the awareness about Computer of the higher secondary school teachers.6. The effect of area was not found on the awareness about Computer of the higher secondary school teachers.

R E F E R E N C E

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